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A method of providing [a custom bedding product] for an individual person a custom bedding product that includes a box spring unit and an innerspring mattress, the method comprising the steps of:

5 inputting into a digital processor body type data containing weight and size information of the individual person;

with the processor, evaluating body type data and calculating body type parameters for the individual person;

21 correlating the body type parameters with bedding product evaluation data and thereby determining bedding product parameters specifying the design of a  
10 bedding product for providing suitable pressure distribution and lumbar support for the individual person, the bedding product parameters including at least one parameter selected from the group consisting essentially of:

at least one box spring coefficient indicative of a suitable box spring for the individual person,

15 at least one innerspring coefficient indicative of a suitable inner spring for the individual person, and

at least one pad coefficient indicative of at least a suitable mattress pad layer for the individual person, and

20 at least one innerspring mattress fill component indicative of at least a suitable mattress fill for the individual person.

8 A.

The method of claim ~~15~~ wherein:

the bedding product parameters include at least one box spring coefficient indicative of a suitable box spring for the individual person, at least one innerspring coefficient indicative of a suitable inner spring for the individual person, and at least two pad coefficients indicative of at least two suitable pad layers for the individual person.

9 A.

The method of claim ~~15~~ wherein:

the bedding product parameters include at least one coefficient responsive to the total weight of the individual person and the bedding product providing step includes the step of determining a box spring component of the bedding product based on the at least one coefficient.

10 A.

The method of claim ~~15~~ wherein:

the bedding product parameters include at least one coefficient responsive to the weight distribution area of support of the individual person and the bedding product providing step includes the step of determining an innerspring component of the bedding product based on the at least one coefficient.

11 A.

The method of claim ~~15~~ wherein:

the body type parameters include at least one coefficient responsive to a selected body width of the individual person and the bedding product providing step includes the step of determining a mattress fill component of the bedding product based on the at least one coefficient.

Q2 12/8 7  
The method of claim ~~15~~ 7 wherein:

the body type parameters include at least one coefficient responsive to the lumbar support of the individual person and the bedding product providing step includes the step of determining a box spring component of the bedding product based on the at least one coefficient.

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Q3 7 15.

A method of providing a custom bedding product for an individual person comprising the steps of:

inputting into a digital processor body type data containing weight and size information of the individual person;

5 with the processor, evaluating body type data and calculating body type parameters for the individual person;

correlating the body type parameters with bedding product evaluation data and determining bedding product parameters specifying the design of a bedding product for providing suitable pressure distribution and lumbar support for the

10 individual person;

the inputting of the body type data into the processor including:

providing a stable support surface,

providing a pressure sensor array on the top of the support surface, the array including a plurality of pressure sensors each adapted to measure  
15 pressure exerted against an area of the pad by a person reclining on the pad, and

with the individual person reclining on the pad, generating the body type data characteristic of the individual person; and

wherein the bedding product and body type parameters include at least one  
20 limitation selected from the group consisting essentially of:

the bedding product parameters include at least one box spring  
coefficient indicative of a suitable box spring for the individual person, at least  
one innerspring coefficient indicative of a suitable inner spring for the  
individual person, and at least two pad coefficients indicative of at least two  
25 suitable pad layers for the individual person,

the bedding product parameters include at least one coefficient  
responsive to the total weight of the individual person and the bedding  
product providing step includes the step of determining a box spring  
component of the bedding product based on the at least one coefficient,

30 the bedding product parameters include at least one coefficient  
responsive to the weight distribution area of support of the individual person  
and the bedding product providing step includes the step of determining an  
innerspring component of the bedding product based on the at least one  
coefficient,

35 the body type parameters include at least one coefficient responsive  
to a selected body width of the individual person and the bedding product  
providing step includes the step of determining a mattress fill component of  
the bedding product based on the at least one coefficient, and

40 the body type parameters include at least one coefficient responsive  
to the lumbar support of the individual person and the bedding product  
providing step includes the step of determining a box spring component of  
the bedding product based on the at least one coefficient.